



Department: Zoology

Code number: 204 /

Time: 1 Hours

Final term Exam
Jun 2023

Major: ثانية بيولوجيا جزئية

Mark: 60

Course Title:

علم الطفيليات والأمراض المعدية

Date: 4 / 1 / 2023

الإمتحان في صفتين

Question One: (15 Marks): 3 points each

Choose right answer

1-Human trichomoniasis is transmitted by:

- A- ingestion of cyst
- B- blood transfusion
- C- biological vector
- D- fecal oral route
- E- sexually

2-African trypanomiasis is caused by:

- A- *Trypanosoma brucei rhodiense*
- B- *Trypanosoma brucei gambiense*
- C- *Trypanosoma cruzi*
- D- *Leishmania donovani*

3-Flask shape ulcer in *Entamoeba histolytica* induced by:

- A- Secondary bacterial infection
- B- metacyst
- C- cyst
- D- trophozoite
- E- A & D

4-One of the following parasites undergoes a complex life cycle, usually involving 2 different hosts:

- A- Flagellates
- B- Ciliates
- C- Sporozoans
- D- Sarcodines

5-The infective stage for female *Anopheles* in malaria is the:

- A- Sporozoite
- B- Ookinete
- C- Gametocyte
- D- Merozoite

Question Two: (15 Marks) 3 points each

Define the following terms:-

- Accidental parasite
- Intermediate host (secondary host)
- Cyst
- Infection
- Infestation

Question Three: (15 Marks)

Write short essay on:

The source of infection and the mode of parasite transmission mentioning examples from the parasites you studied?

Question Four: (15 Marks)

Diagram the entire life-cycles of *Giardia lamblia* and malaria (*Plasmodium*). Label all stages.

“End Exam”

With Best Wishes

Prof. Dr. Abd Al-Aziz Kfiidr

Prof. Dr. Hekmat Al Gamal

Dr. Asmma Hares

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